



Anti-CD8B monoclonal antibody, clone FE5.4D2 (CABT-51745MC)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Cat CD8 β antibody, clone FE5.4D2 recognizes the feline homologue of CD8 beta. CD8 beta is a 210 amino acid ~23 kDa single pass type 1 transmembrane glycoprotein bearing a 21 amino acid signal peptide. The CD8 antigen is expressed as a dimer on the cell surface of a sub population of T lymphocytes and exists as either an alpha/beta heterodimer or an alpha/alpha homodimer. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Specificity	CD8B
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Cat
Clone	FE5.4D2
Conjugate	Unconjugated
Applications	FC
Format	Tissue Culture Supernatant - liquid
Size	2 ml
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD8B CD8b molecule [Felis catus (domestic cat)]
Official Symbol	CD8B
Synonyms	CD8B; T-cell surface glycoprotein CD8 beta chain; CD8 antigen, beta polypeptide; CD8b molecule;
Entrez Gene ID	493948
Protein Refseq	NP_001009867.1
UniProt ID	P79336
Chromosome Location	A3
Pathway	Antigen processing and presentation; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Primary immunodeficiency;